

PENDING CLAIMS AS AMENDED

Please amend the claims as follows:

Please cancel claims 1-11, and 21-23, and substitute new claims 24-31 for examination and allowance.

Claims 1-23 (Cancelled)

24. (New) A method for forward link power control of transmissions of at least two data streams to a mobile station using a common power control channel, the method comprising:

determining a first series of power control command data bits for controlling power level of a first data stream of said least two data streams;

determining a second series of power control command data bits for controlling power level of a second data stream of said least two data streams;

multiplexing said first and second series of power control command data bits to form a common series of power control command data bits;

transmitting said common series of power control command data bits over said common power control channel for controlling power levels of transmissions of said least two data streams to said mobile station.

25. (New) The method as recited in claim 24 wherein said determining said first series of power control command data bits includes:

comparing receiving quality of said first data stream at said mobile station to a first threshold;

generating up or down command for said first series of power control command data bits based on said comparing.

26. (New) The method as recited in claim 24 wherein said determining said second series of power control command data bits includes:

comparing receiving quality of said second data stream at said mobile station to a second threshold;

generating up or down command for said first series of power control command data bits based on said comparing.

27. (New) The method as recited in claim 24 wherein said multiplexing includes multiplexing said first and second series of power control command data bits to form said common series of power control command data bits in a time frame of said common power control channel.

28. (New) An apparatus for forward link power control of transmissions of at least two data streams to a mobile station using a common power control channel, the method comprising:

a controller configured for determining a first series of power control command data bits for controlling power level of a first data stream of said least two data streams, for determining a second series of power control command data bits for controlling power level of a second data stream of said least two data streams, and multiplexing said first and second series of power control command data bits to form a common series of power control command data bits;

a transmitter for transmitting said common series of power control command data bits over said common power control channel for controlling power levels of transmissions of said least two data streams to said mobile station.

29. (New) The apparatus as recited in claim 28 wherein said controller further configured for determining said first series of power control command data bits by comparing receiving quality of said first data stream at said mobile station to a first threshold, and for generating up or down command for said first series of power control command data bits based on said comparing.

30. (New) The apparatus as recited in claim 28 wherein said controller further configured for determining said second series of power control command data bits by comparing receiving quality of said second data stream at said mobile station to a second threshold, and for

generating up or down command for said first series of power control command data bits based on said comparing.

31. (New) The apparatus as recited in claim 28 wherein said controller further configured for multiplexing said first and second series of power control command data bits to form said common series of power control command data bits in a time frame of said common power control channel.